



Pushpanjali

Senior Molecular Scientist



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About me

- 2 years work experience as molecular biologist
- A versatile biotechnology post graduate with specialization in plants
- Recognized for smart handling of instruments and accuracy in measurement

Skills

Sanger Sequencing

PCR

RAPD, SNP, Allele Specific, AFLP

Primer Designing 50%

Tissue Culture

Barcode

DNA, RNA, Plasmid Isolation

Library Preparation

Objective

Learn new things every day and simultaneously add value to the organization. Seeking long term growth in a position where I can utilize my extensive expertise for mutual growth.

Experience

2018-2020 *Biokart India Private Limited, Bangalore*

Full Time

The responsibilities include:

- DNA & RNA extraction from various samples including human ones
- Handling and performing entire Sanger Sequencing which include QC of sample, PCR, purification (column/gel extraction), loading samples into the sequencer, Gel Electrophoresis, Sequence Determination
- Data and Manual preparation and submission to the clients
- Preparation of PCR purification kit and DNA extraction kit
- Manual preparation for SOPs and directly reaching out to clients

2014-2015 *Mahavir Cancer Sansthan*

Training

Hands on experience in performing the following tests:

- Liver function tests like Bilirubin Test, SGPT and SGOT
- Kidney function tests: Creatinine Test, Urea Test and Uric Acid Test
- Hemoglobin Test, Cholesterol Test and Glucose Test
- RBC, WBC and Sperm Count and determination of blood groups

2017-2018 *Banaras Hindu University*

Project

- Did morphological and biochemical characterization of cellulolytic enzyme by *Aspergillus niger* from humus of paddy field
- Collected various morphological readings and examined cellulase activity of cellulolytic enzyme by *Aspergillus niger* at various temperature, incubation period and nitrogen sources.

Education

2016-2018 Masters

Banaras Hindu University

Completed Master of Science degree in Biotechnology with overall GPA of 8.05

2013-2016 Bachelors

Patna Science Collage

Completed Bachelors of Science degree in Biotechnology with distinction

2010-2012 Senior Secondary

DAV Public School

Obtained 75% with Physics, Chemistry, Biology, English and Physical Education

Other Informations

- Proficient in English, Hindi and Maithili
- Avid supporter of environmental conservation
- An excellent cook and love cooking